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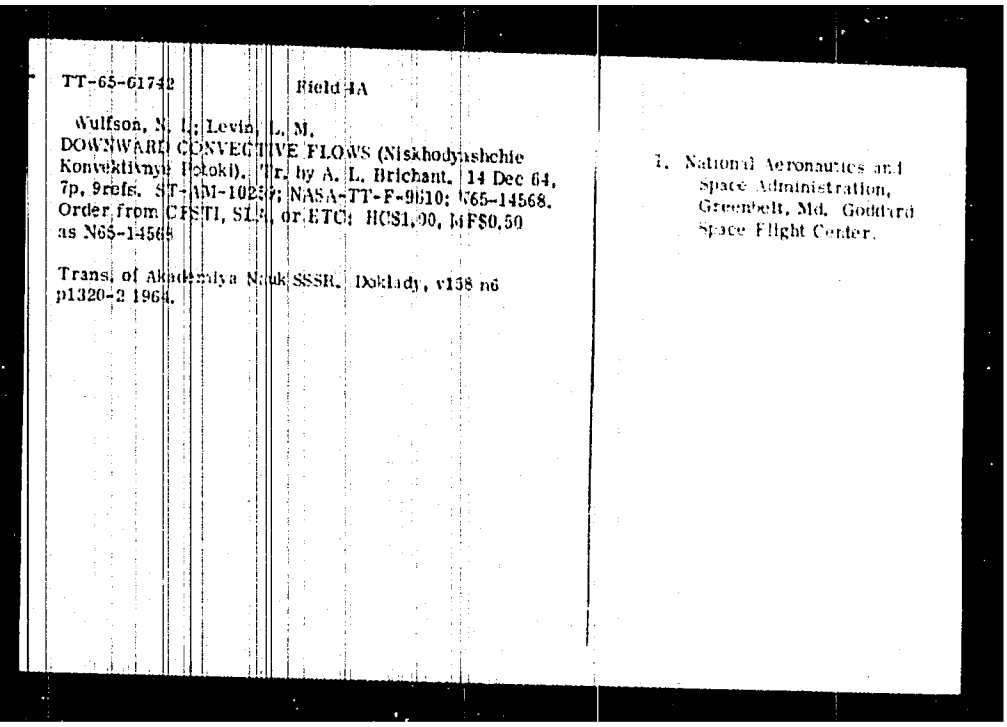

TT-65-61742 Field 4A

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DOWNWARD CONVECTIVE FLOWS (Niskhodyashchie Konvektivnye Potoki). Tr. by A. L. Brichant. 14 Dec 64, 7p, 9refs. ST-AM-10237; NASA-TT-F-9510; 65-14568. Order from CFSTI, SLA, or ETC: HCS1.00, MF$0.50 as N65-14568

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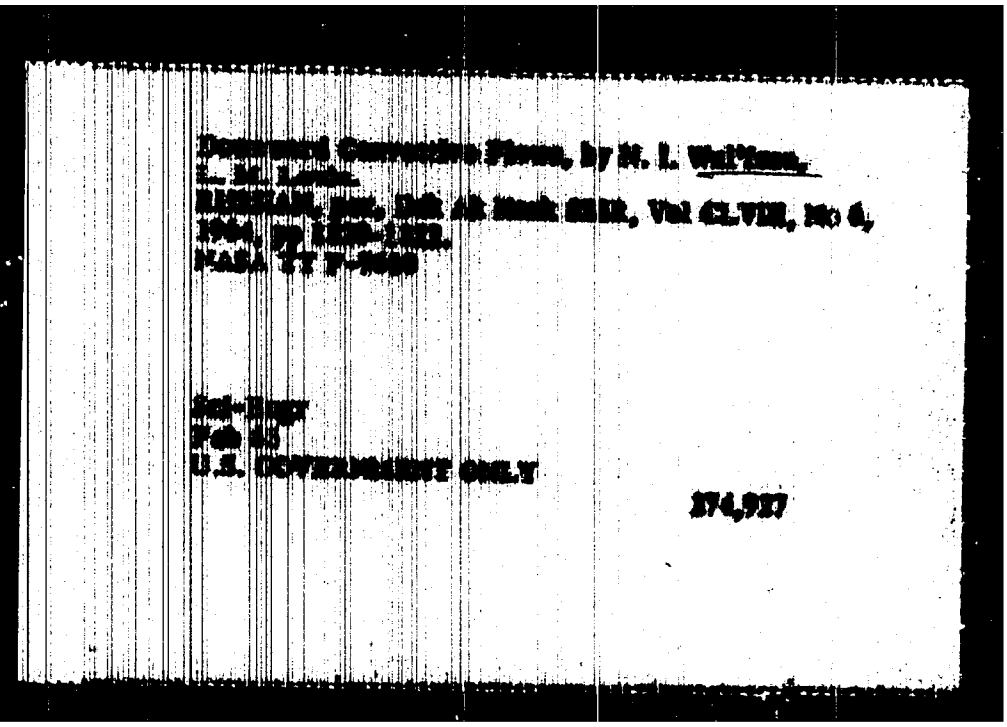

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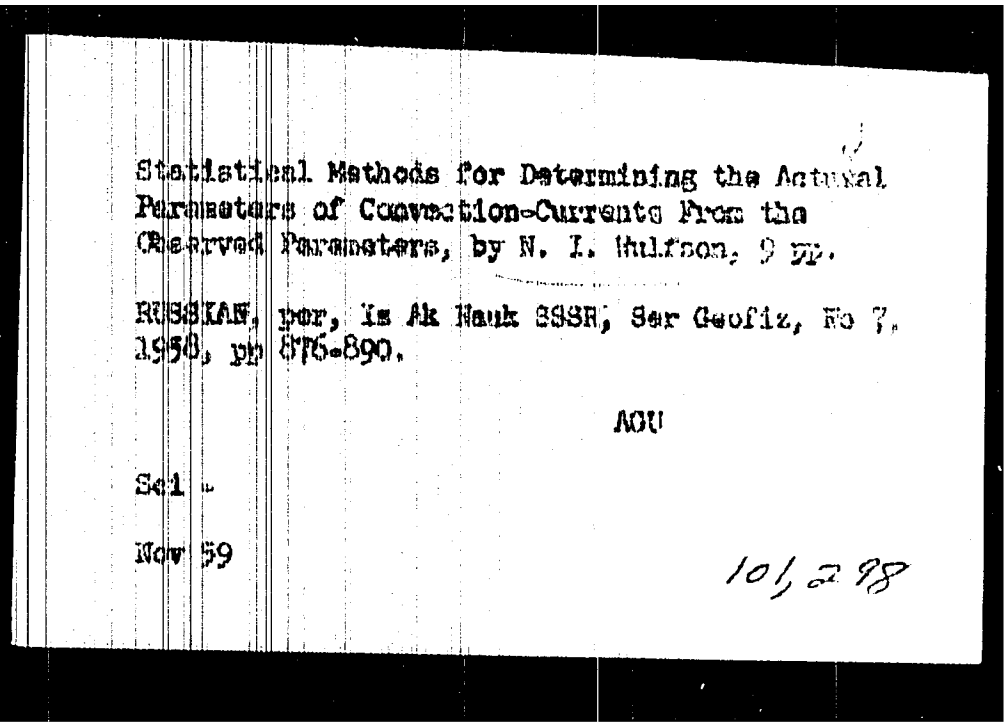

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RESEARCH ON γ-LACTONES AND β-LACTONIC ACIDS
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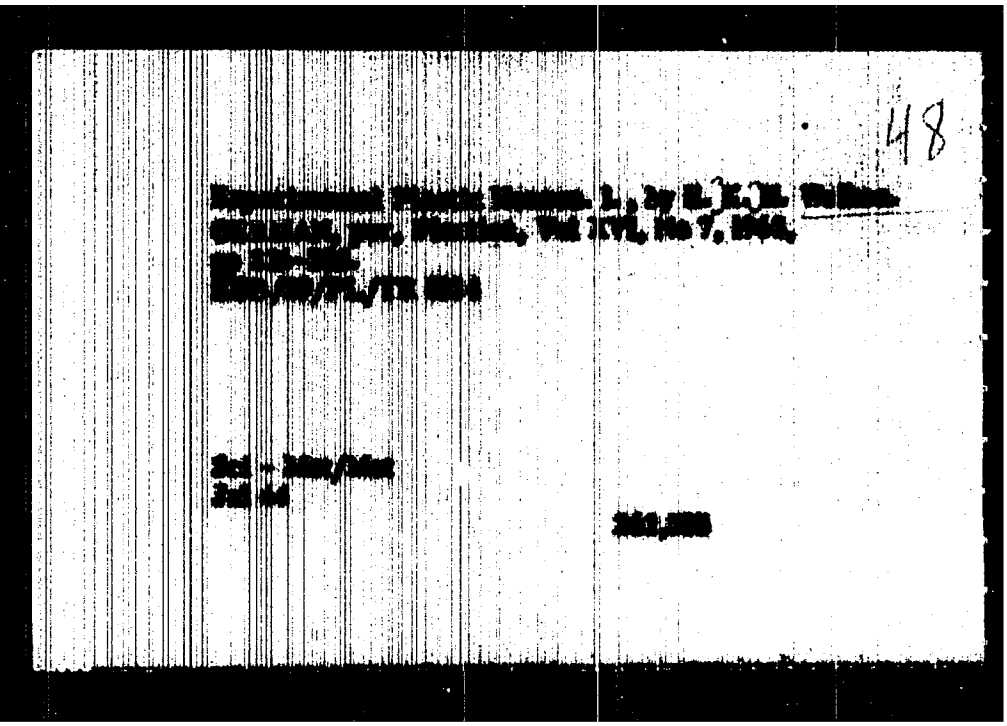

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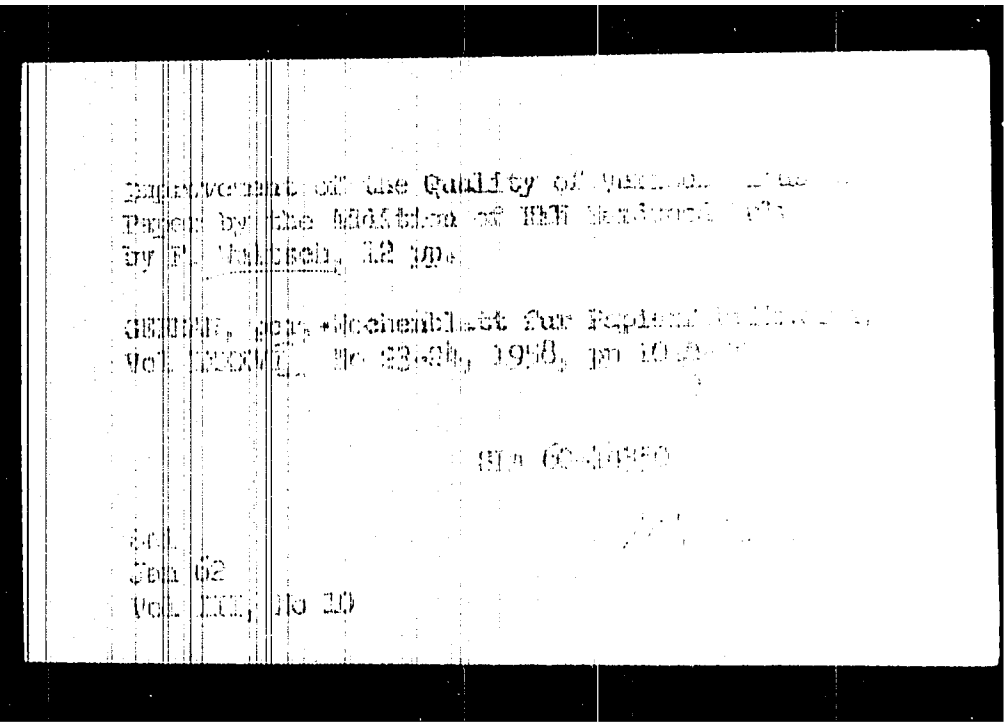

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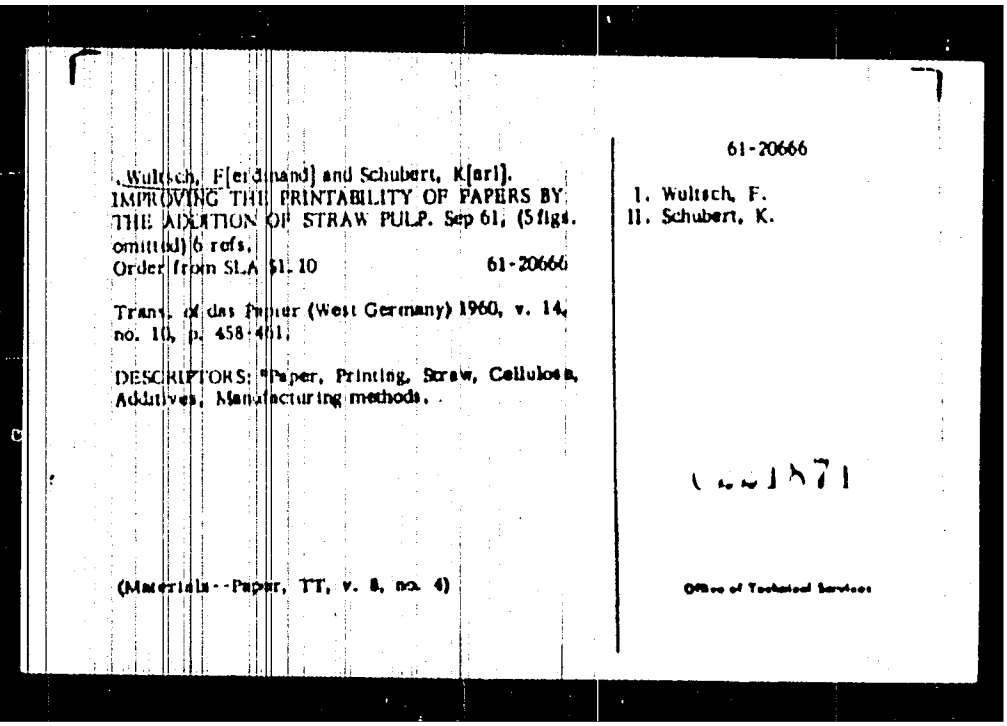

Wultsch, F[erdinand] and Schubert, K[arl].
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Order from SLA $1.10 61-20666

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DESCRIPTORS: *Paper, Printing, Straw, Cellulose, Additives, Manufacturing methods.

(Materials--Paper, TT, v. 8, no. 4)

61-20666

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[illegible]

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CRITICAL INVESTIGATIONS ON FIBRE TESTING INSTRUMENTS. Sep 61, 6p. (16 figs. omitted) 21 refs. Order from SLA $1.10 (61-20736)

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DESCRIPTORS: *Wood pulp fibers, Physical properties, Processing, *Paper, Production, Test equipment

This paper discusses testing investigations, relationships between beating and the physical properties of [illegible] from the Clark fibre fractionator, together with the physical properties of hand-[illegible]. The hand-made sheets were made from the whole pulp and from the fibre fractions obtained from the Clark fibre fractionating device at different beating points. Screen fractionation of pulps gives fibre fractions [illegible]. (Materials--Paper, TT, v. 7, no. 7) (over)

61-20736

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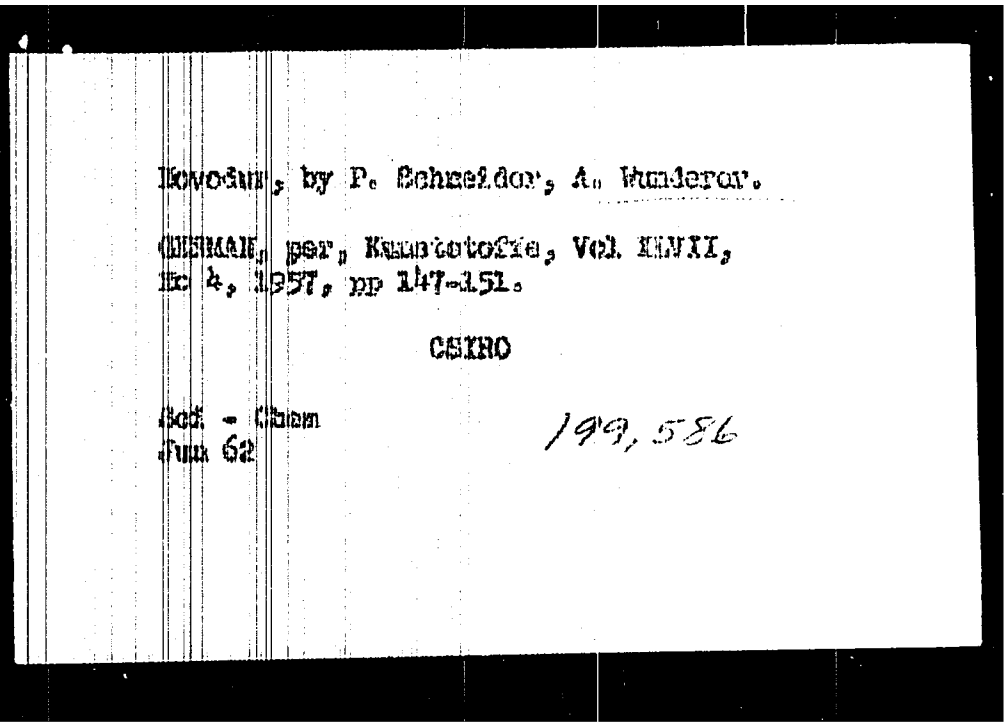

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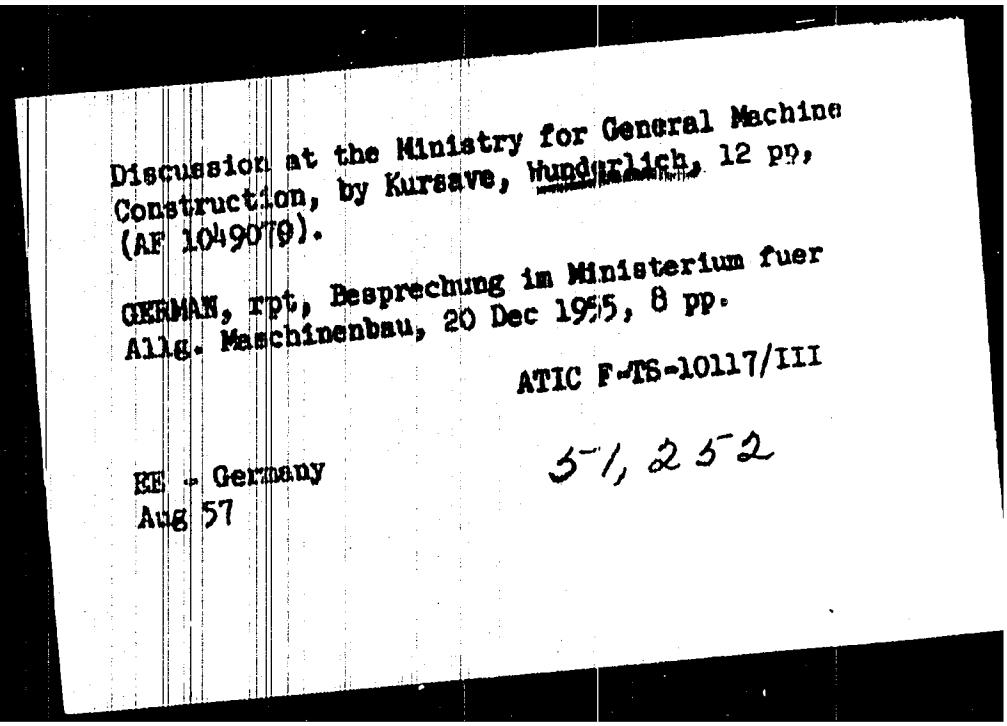

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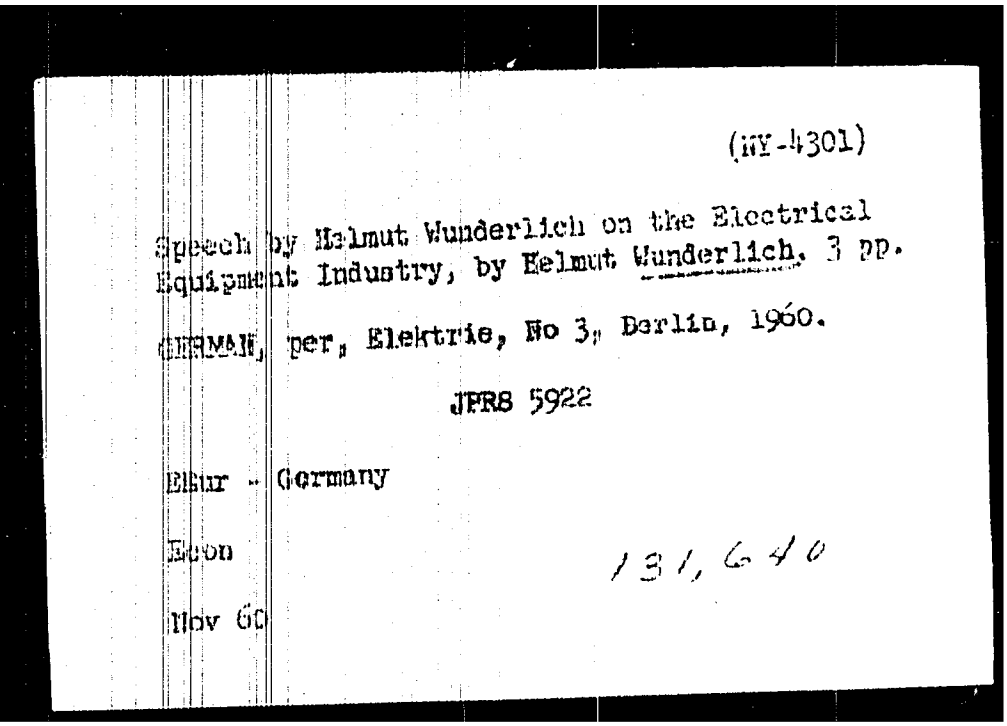

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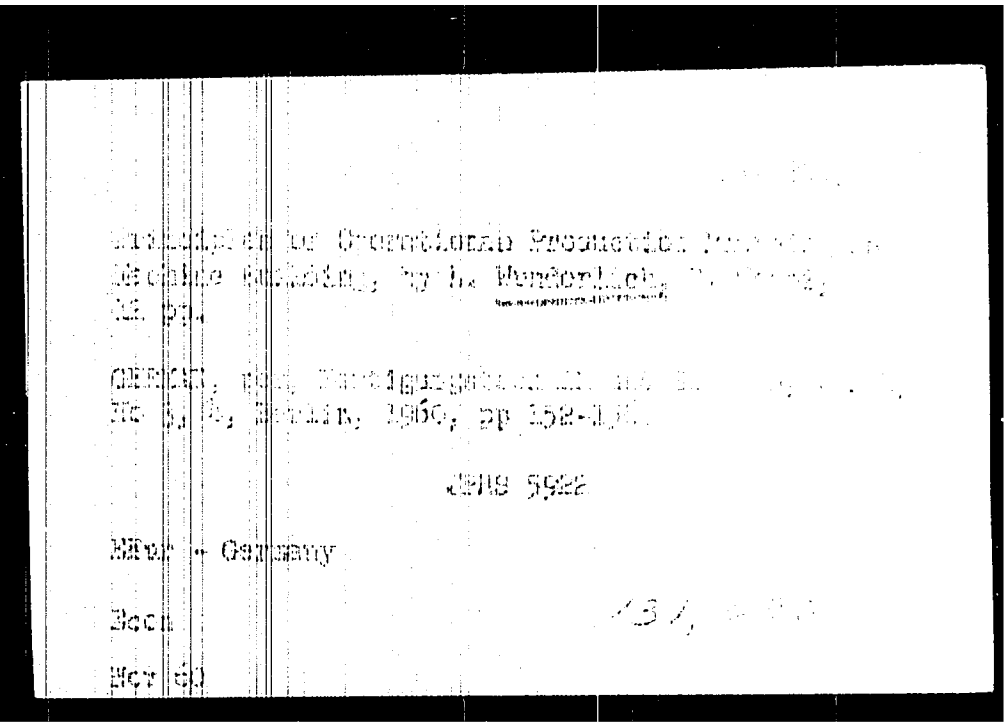

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No [illegible], 19[illegible], pp [illegible].
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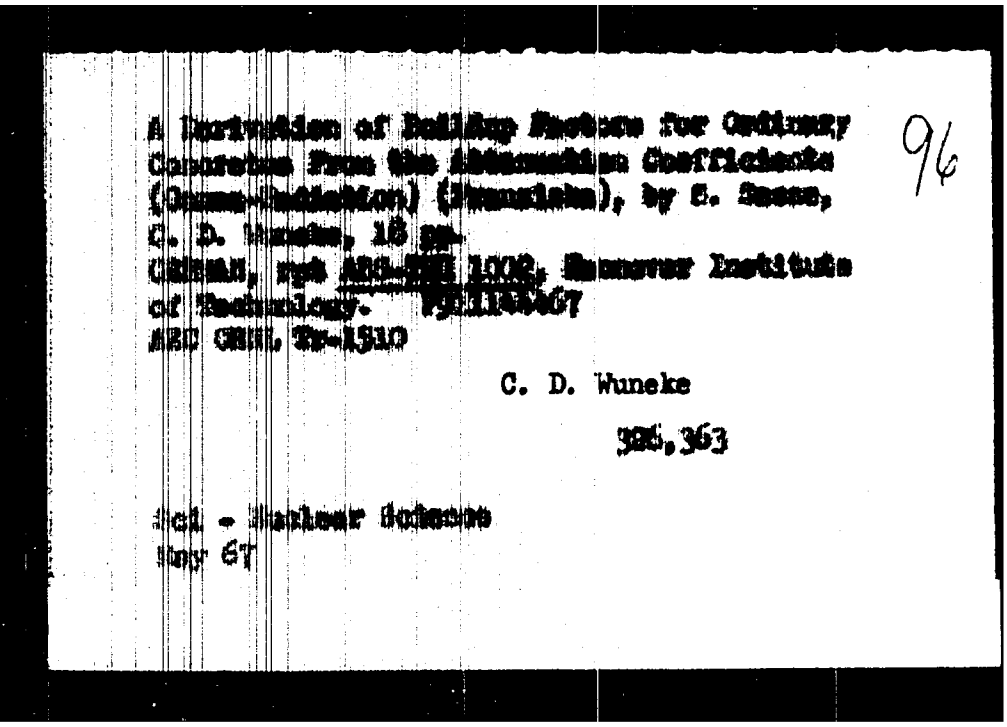

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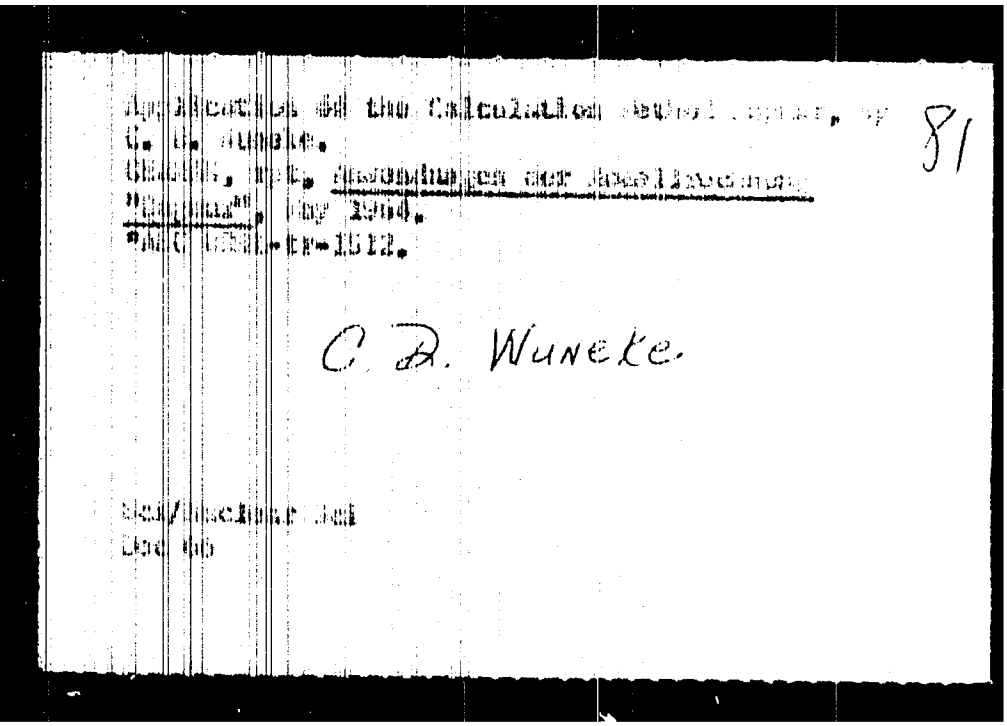

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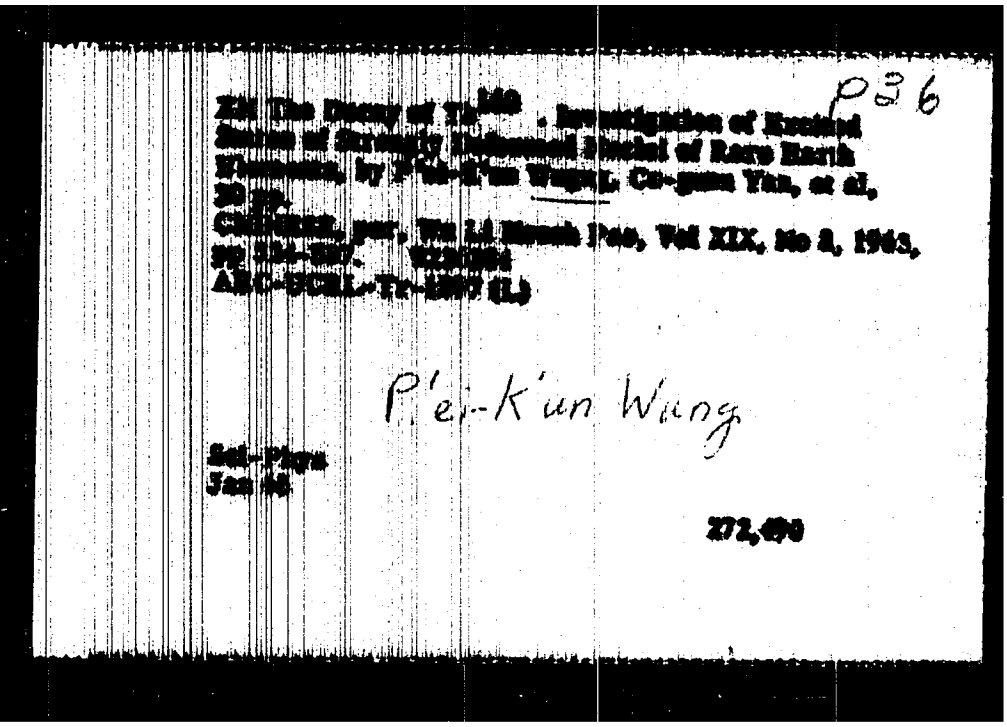

P26

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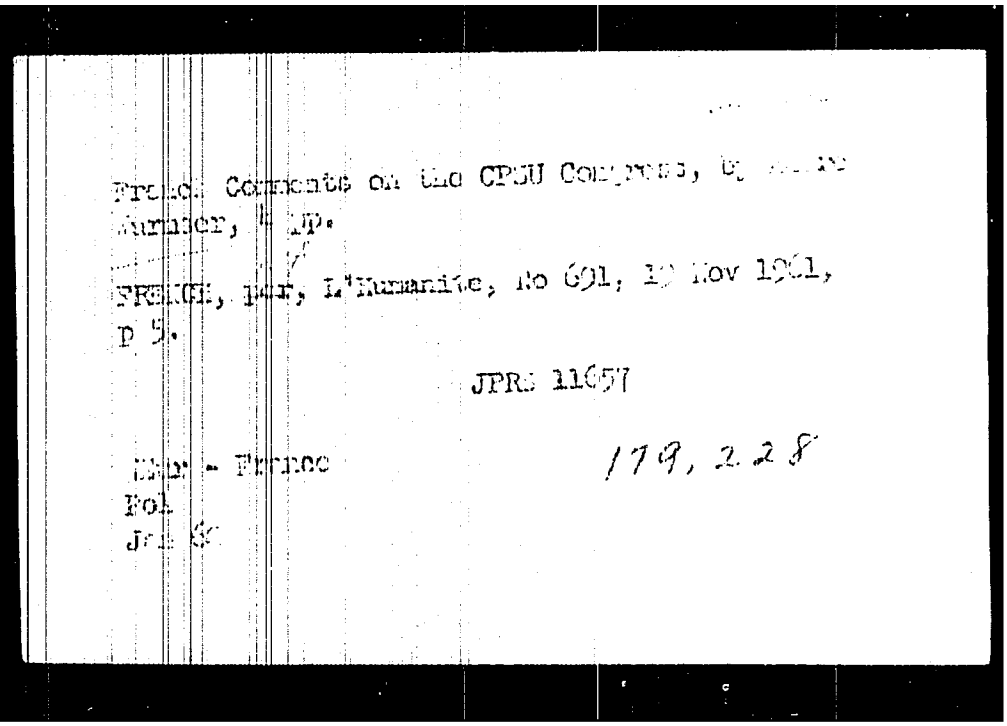

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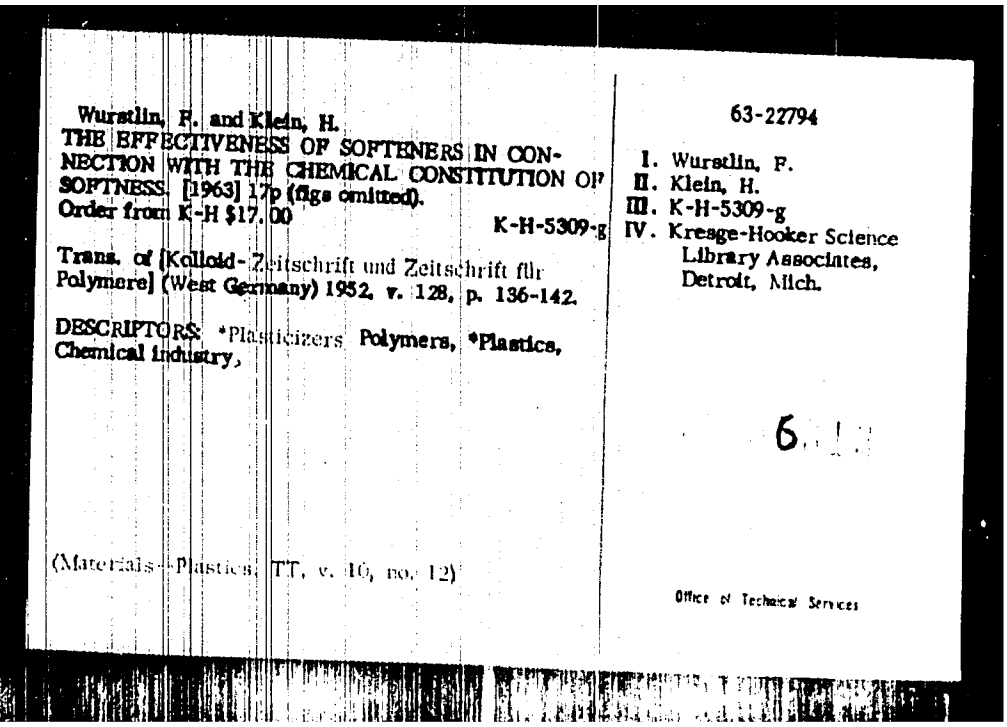

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THE EFFECTIVENESS OF SOFTENERS IN CONNECTION WITH THE CHEMICAL CONSTITUTION OF SOFTNESS. [1963] 17p (figs omitted).
Order from K-H $17.00 K-H-5309-g

Trans. of [Kolloid-Zeitschrift und Zeitschrift für Polymere] (West Germany) 1952, v. 128, p. 136-142.

DESCRIPTORS: *Plasticizers, Polymers, *Plastics, Chemical Industry.

(Materials-Plastics, TT, v. 10, no. 12)

63-22794

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III. K-H-5309-g
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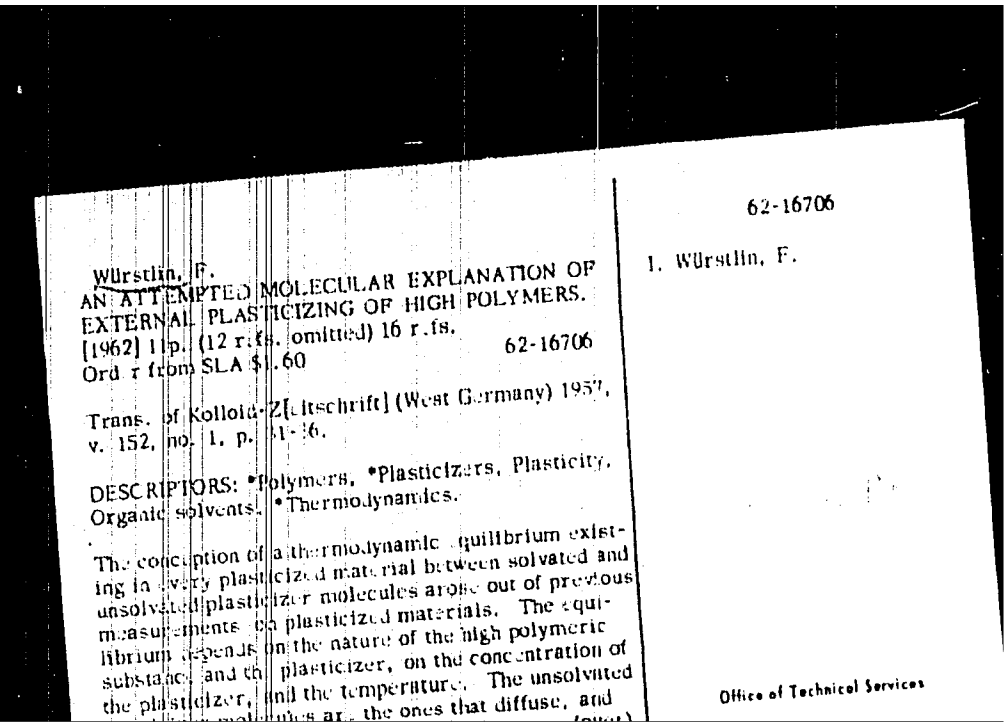

Würstlin, F.
AN ATTEMPTED MOLECULAR EXPLANATION OF EXTERNAL PLASTICIZING OF HIGH POLYMERS.
[1962] 11p. (12 refs. omitted) 16 refs.
Order from SLA $1.60 62-16706

Trans. of Kolloid-Z[eitschrift] (West Germany) 1957, v. 152, no. 1, p. 51-56.

DESCRIPTORS: *Polymers, *Plasticizers, Plasticity, Organic solvents, *Thermodynamics.

The conception of a thermodynamic equilibrium existing in every plasticized material between solvated and unsolvated plasticizer molecules arose out of previous measurements on plasticized materials. The equilibrium depends on the nature of the high polymeric substance and the plasticizer, on the concentration of the plasticizer, and the temperature. The unsolvated molecules are the ones that diffuse, and

62-16706

1. Würstlin, F.

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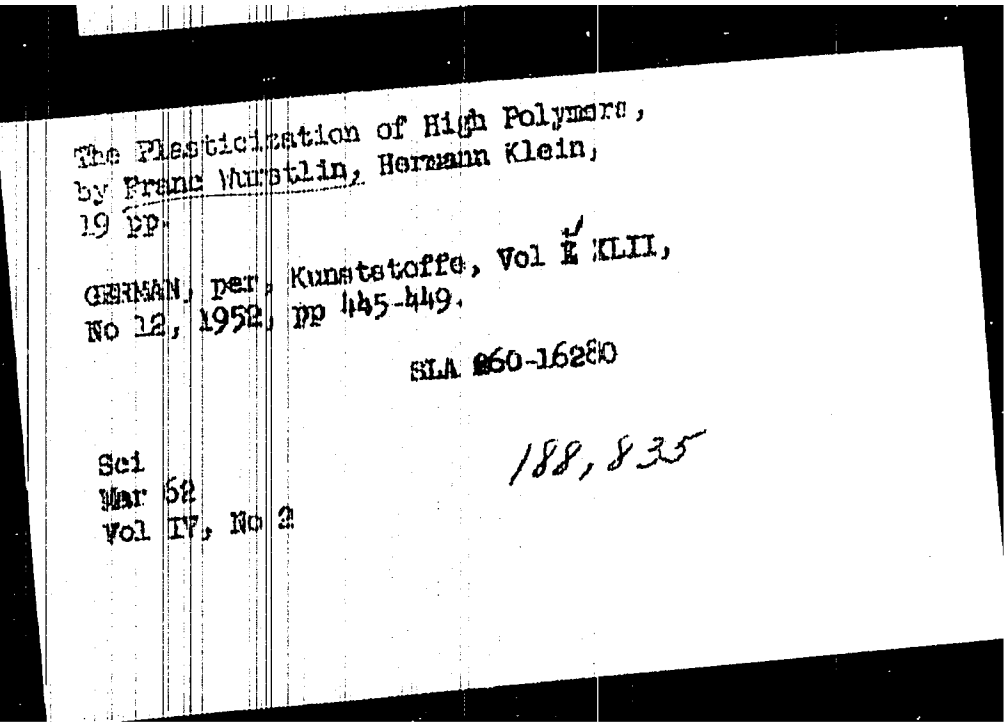

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by Franz Wurstlin, Hermann Klein,
19 pp

GERMAN, per, Kunststoffe, Vol XLII,
No 12, 1952, pp 445-449.

SLA 60-16280

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Vol IV, No 2

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Dielectric Measurement in Relation to Linear High Polymers, by F. Wurstlin. UNCLASSIFIED

GERMAN, Kunststoffe, Vol XL, No 5, pp 158 - 160.

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DIELECTRIC MEASUREMENT OF THE CHAIN MOBILITY OF LINEAR, HIGH-MOLECULAR SUBSTANCES. [1949] 9p. (3 figs., omitted) 31 refs.
Order from SLA mi$1.80, ph$1.80 61-14019

Trans. of Kolloid-Zeitschrift (West Germany) 1948, v. 110 [no. 2] p. 71-78.

(Unannotated)

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1. Polymers -Dielectric properties
2. Dielectric properties--Measurement
I. Würstlin, F.

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Esters for Monofunctional Alcohols as PVC Plasticizers, by Franz Würstlin, Hermann Klein, 19 pp.

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Sci - Chem
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A Slime Fungus Found on Cinchona, by T. Wurth,
5 pp.

DUTCH, per, De Cultuurgids VII, Vol VIII, 1905,
pp 624-630.

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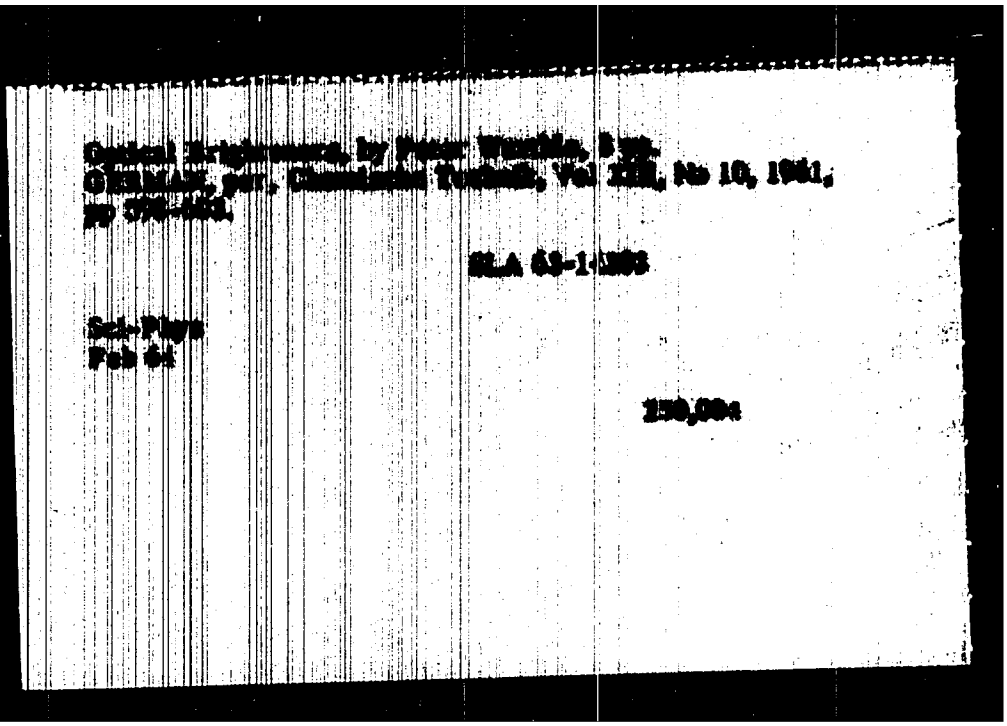

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Apparatus for Removing the Mold From a Finished Cast Concrete Pipe, by O. Wurtz, 6 pp.

BRKDISH, Patent No 128,815.

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